

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted With Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	421/117 PCT/US	
	First Named Inventor	DeSimone	
	COMPLETE IF KNOWN		
	Application Number		
	Filing Date	March 21, 2006	
	Art Unit		
		Examiner Name	

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PHOTOCURABLE PERFLUOROPOLYETHERS FOR USE AS NOVEL MATERIALS IN MICROFLUIDIC DEVICES

(Title of the Invention)

the specification of which

☐

is attached hereto

OR

☒

was filed on (MM/DD/YYYY)

09/23/2004

as United States Application Number or PCT International

Application Number

PCT/US2004/031274

and was amended on (MM/DD/YYYY)

11/10/2005

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
PCT/US2004/031274 60/505,384 60/524,788	WIPO	09/23/2004	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	US	09/23/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	US	11/21/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION – Utility or Design Patent Application

Direct all correspondence to: ☒ The address associated with Customer Number: 25297 **OR** ☐ Correspondence address below

Name
Arles A. Taylor, Jr.

Address
Suite 1200, University Tower, 3100 Tower Boulevard

City Durham	State NC	ZIP 27707
----------------	-------------	--------------

Country USA	Telephone 919-493-8000	Email ataylor@jwth.com
----------------	---------------------------	---------------------------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any]) Joseph M.	Family Name or Surname DeSimone
---	------------------------------------

Inventor's Signature 	Date 4/13/07
---	-----------------

Residence: City Chapel Hill	State NC	Country US	Citizenship US
--------------------------------	-------------	---------------	-------------------

Mailing Address
7315 Crescent Ridge Drive

City Chapel Hill	State NC	Zip 27516	Country US
---------------------	-------------	--------------	---------------

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any]) Jason P.	Family Name or Surname Rolland
--	-----------------------------------

Inventor's Signature 	Date 05-APR-2007
---	---------------------

Residence: City Durham	State NC	Country US	Citizenship US
---------------------------	-------------	---------------	-------------------

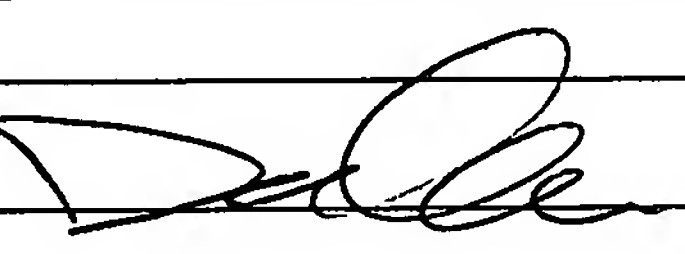
Mailing Address
102 Hollow Oak Drive

City Durham	State NC	Zip 27713	Country US
----------------	-------------	--------------	---------------

☒ Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

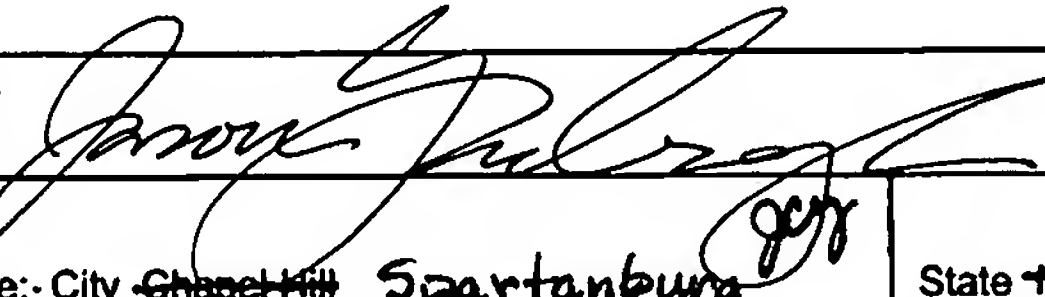
DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet <div style="text-align: right;">Page ____ of ____</div>
--------------------	---

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Stephen R.		Quake	
Inventor's Signature			Date
Residence: City New York	State NY	Country US	Citizenship US
120 W. 15th Street, #6F Mailing Address			
City New York	State NY	Zip 10011	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Derek A.		Schorzman	
Inventor's Signature 			Date 4/5/07
Residence: City Chapel Hill	State NC	Country US	Citizenship US
Campus Box 3290, Venable Hall Mailing Address			
City Chapel Hill	State NC	Zip 27599	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Jason		Yarbrough	
Inventor's Signature			Date
Residence: City Chapel Hill	State NC	Country US	Citizenship US
103 Dickens Court, No. 6 Mailing Address			
City Chapel Hill	State NC	Zip 27514	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
Page ____ of ____	

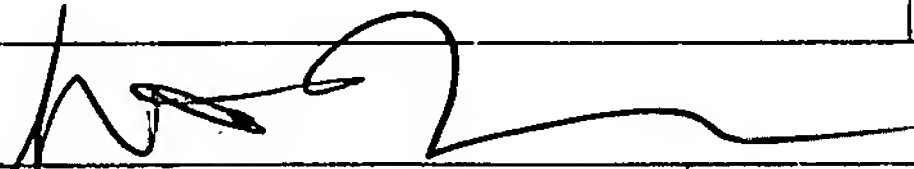
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle[if any])		Family Name or Surname	
Stephen R.		Quake	
Inventor's Signature		Date	
Residence: City New York	State NY	Country US	Citizenship US
120 W. 15th Street, #6F Mailing Address			
City New York	State NY	Zip 10011	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Derek A.		Schorzman	
Inventor's Signature		Date	
Residence: City Chapel Hill	State NC	Country US	Citizenship US
Campus Box 3290, Venable Hall Mailing Address			
City Chapel Hill	State NC	Zip 27599	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Jason		Yarbrough	
Inventor's Signature 		Date 03/10/2007	
Residence: City Chapel Hill <u>Spartanburg</u>	State NC <u>SC</u>	Country US	Citizenship US
103 Dickens Court, No. 0 <u>410 Melbourne Lane</u> Mailing Address			
City Chapel Hill <u>Spartanburg</u>	State NC <u>SC</u>	Zip 27514 <u>29301</u>	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet <div style="text-align: right;">Page ____ of ____.</div>
--------------------	--

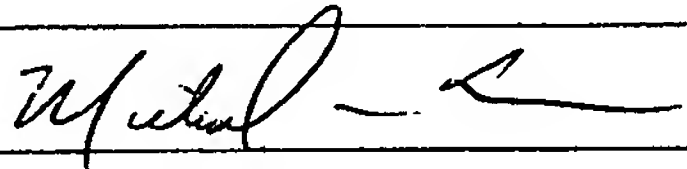
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Stephen R.		Quake	
Inventor's Signature 		Date 5/7/07	
Residence: City Stanford	State CA	Country US	Citizenship US
636 Alvarado Row Mailing Address			
City Stanford	State CA	Zip 94305	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Derek A.		Schorzman	
Inventor's Signature		Date	
Residence: City Chapel Hill	State NC	Country US	Citizenship US
Campus Box 3290, Venable Hall Mailing Address			
City Chapel Hill	State NC	Zip 27599	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Jason		Yarbrough	
Inventor's Signature		Date	
Residence: City Chapel Hill	State NC	Country US	Citizenship US
103 Dickens Court, No. 6 Mailing Address			
City Chapel Hill	State NC	Zip 27514	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet <div style="text-align: right;">Page ____ of ____</div>
--------------------	---

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Michael		Van Dam	
Inventor's Signature 		Date 2007-05-07	
Residence: City Glendale	State CA	Country US	Citizenship CA
1630 Calle Vaquero # 408 Mailing Address			
City Glendale	State CA	Zip 91206	Country US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.